



Mouse anti-Human Kalinin B1 monoclonal antibody, clone 28 (CABT-B9224)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Human Kalinin B1 aa. 1009-1170
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Dog
Clone	28
Purification	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.
Conjugate	Unconjugated
Applications	WB; IF; IP
Format	Liquid
Concentration	250 µg/ml
Size	50 µg
Buffer	Aqueous buffered solution containing BSA, glycerol, and ≤0.09% sodium azide.
Storage	Store undiluted at -20°C.

BACKGROUND

Introduction	Kalinin is an epithelial cell laminin. It is a structural component of the dermal-epidermal junction
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of skin and basement membrane. The full molecule is composed of a 200 kDa A subunit, a 155 kDa B2 subunit, and a 140 kDa B1 subunit. Another B1k subunit with a predicted molecular weight of 126.9 kDa is encoded by a 3.9kb gene. The apparent molecular weight of Kalinin B1k is 140 kDa due to glycosylation. Its structure is divided into a long arm and a short arm domain that bind and crosslink with the other kalinin subunits.

Keywords	LAMB1; laminin, beta 1; CLM, cutis laxa with marfanoid phenotype; laminin subunit beta-1; laminin B1 chain; CLM; MGC142015
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